

FAXED - 8 A.M. - MARCH 30, 2006

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FAX

TO
MR. CRISTOPHER M. VERDIER
MR. EDWARD LOOK

FROM
ANGELO MILANA, P. Eng.

US PATENT OFFICE

DATE :
March 28 - 2006

FAX
571 273 4824

PAGES N.
2 (+) COPY FSE(s) TRANS. 2 PDS.

PHONE
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REF :
CLAIMS ADJUSTEMENTS . REF. -
10/679,475

Hi,

I would like to thank you for the Notice of Allowability. I reviewed the document and the changes of the specification.

Concerning CLAIMS 23-27 I strongly suggest the following:

On page 5 CLAIM 23, line 13 I strongly suggest to add---"normally mounted vertically across said square intake opening"--- before "for closing or opening said first opening".

On page 8 CLAIM 26, line 4 I strongly suggest to add after ---"mounted selectively either horizontally or vertically across said inlet opening of said fan housing"---such that when said frame is mounted vertically across said inlet opening of said fan housing said vanes will pivot vertically so to prevent gravitational dust to accumulate thereon allowing the fan to deliver a more consistent airflow that will never ever be decreased by dirty.

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In addition:

To appreciate my invention I sent a CD with two pictures of the prototype of a 54" propeller fan with slanted fan housing with a square intake shutter assembly showing the vanes extending **EITHER** horizontally **OR** vertically across the inlet opening of the slanted fan housing.

I would like to add the following independent claim: inspired by claim 18 of the US patent 6,386,828 to Davis: James--Assignee: Aerotech a MUNTERS CORPORATION, owner of EUROEMME SPA of Italy sold by MR. Mancinelli deceased.

28 An improved axial flow fan, which comprises:

- (a) A slanted housing enclosure having an intake opening and a discharge opening,
- (b) A fan comprising a propeller mounted in the housing between the intake opening and the discharge opening for forcing and directing air therethrough,
- (c) A self cleaning shutter assembly mounted in said slanted fan housing and comprising a plurality of vertical pivoted vanes including an operative vane connected with cranks and at least a tie rod and further comprising means to move said vertical pivoted vanes and said operative vane from a position in which they open said intake opening to a position in which they close it, wherein said vertical vanes prevent gravitational dust to accumulate thereon allowing the fan to deliver a consistent airflow at maximum efficiency and wherein said means comprise a centrifugal shutter mechanism secured to said propeller adjacent said operative vane for causing the opening and the closing of ^{is a} self cleaning shutter assembly.

An important Canadian Company has the licence to build said fan and we need support to continue the work on perfecting and introducing the new fan in North America.

Best regards to you and Mr. Look.

Thanks.

Angelo Milana, P.Eng.
Angelo Milana

MARCH 29, 2006

Commissioner for Patents ISSUE FEE
P. O. Box 1450
Alexandria, Virginia 22313-1450
USA

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RE: Application N. 10/679,475
FILING DATE 10/07/2003
INVENTOR Angelo Milana

Registered Letter

TITLE OF INVENTION: VERSATILE AXIAL FLOW FAN AND CENTRIFUGAL
SHUTTER MECHANISM

Please find enclosed the PART B-FEES TRANSMITTAL with a money order for 1000\$
issued by the Royal Bank of Canada for: ISSUE FEES.

Please note that the Examiner Mr. Verdier may add or change some of the claims before the
publication of the patent and according the suggestion herewith included in a fax sent to Mr.
Verdier and Mr. Look.

If you require additional information, please do not hesitate to contact me.

Sincerely,

Angelo Milana P.Eng.
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March 29, 2006

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